Lucid

VIRTU
Universal . GPU . Virtualization
by Lucid

Software package

Release Notes

Version 2.0.108

For Windows 7 32 & 64 -bit

© 2010 Lucidlogix Technologies Ltd. All rights reserved.
This information is the proprietary and confidential information of Lucidlogix Technologies Ltd. The information may contain inaccuracies and is provided "as is" without warranty of any kind. All warranties (whether express or implied) are expressly disclaimed. The furnishing of this information does not constitute the grant of any license to use information, products, technologies or other matter referenced herein.

Table of Contents

GENERAL NOTE **3**
INTRODUCTION **3**
IN THIS VERSION **3**

Fixed Issues **3**

Known issues in this driver version **3**
i-Mode (display connected to integrated GPU output) 3
d-Mode (display connected to discrete GPU output) 3

SUPPORT LIST **4**

i-Mode **4**

d-Mode **7**

TESTED PLATFORMS **8**
SUPPORTED HARDWARE **9**
SUPPORTED OPERATING SYSTEMS **9**
SUPPORTED GRAPHIC LIBRARIES **9**
SUPPORTED GRAPHICS CARDS AND DISPLAY DRIVERS **9**
INSTALLATION **10**

Minimum Hard Disk Space **10**

Before You Begin **10**

Installation Instructions **10**

GENERAL NOTE

- This version is a production version and will have no time or functional limitations if motherboard has the approved Lucid BIOS production certificate installed.
- If motherboard does not have Lucid BIOS certificate, or a certificate is not approved for current software package, this version will stop working in 7 days after installation and also display the product logo of different sizes in different locations of the screen during runtime. Adding/editing arbitrary application to the support list will be disabled.

INTRODUCTION

This release notes document describes VIRTU Universal software version 2.0.108 for Microsoft Windows 7. The document describes features and known bugs in this software version.

In this version

- i-mode and d-mode supported
- Virtual VSync
  - Game VSync must be enabled
- Supports any platform in which both integrated and discrete GPUs present in the system.
- More than 100 Applications supported
- DX9 , DX10 ,DX11 supported
- 3D Full screen and windowed mode support
- Unified applications list in control panel, user can assign each application to integrated/discrete GPU

Fixed Issues

- Fixed Control Panel crash
- Added Warning message-box when adding new game
- Added d-mode Virtual VSync

Known issues in this driver version

The following are the open issues with current driver release:

i-Mode (display connected to integrated GPU output)

- In-game logo may flicker randomly

d-Mode (display connected to discrete GPU output)

- none

All issues mentioned above will be fixed in next releases

Support List

i-Mode

1. Aliens VS Predetor
2. Anno 1404
3. Arcania Gothic 4
4. ArmA2
5. Assassin's Creed
6. Assassin's Creed 2
7. Assassins Creed Brotherhood Single Player
8. Batman-Arkham Asylum
9. Battle Forge
10. Battlefield Bad Company 2
11. Battlefield2
12. Battlestations Pacific
13. Bionic Commando
14. BioShock
15. Bioshock_2
16. Blazblue
17. Blur
18. Borderlands
19. Brothers in Arms - Hells Highway
20. Bully
21. Burnout Paradise
22. Call of Juarez
23. Call of Juarez Bound in Blood
24. CNC3 Kanes Wrath
25. CNC3 Tiberium Wars
26. COD Black OPS
27. COD4 Modern Warfare
28. COD4 Modern Warfare Multiplayer
29. COD5 World at War
30. COD6 Modern Warfare 2
31. COD6 Modern Warfare 2 Multiplayer
32. Colonization
33. Company of Heroes
34. Cryostasis
35. Crysis
36. Crysis - Warhead
37. Crysis 2
38. Darksiders
39. Dead Rising 2
40. Dead Space

Lucidlogix Technologies LTD Proprietary & Confidential

41. Dead Space 2
42. Death to Spies
43. Devil May Cry 4
44. Dirt2
45. Divinity 2 The Dragon Knight Saga
46. Dragon Age
47. Dragon Age 2
48. Elemental War of Magic
49. F.E.A.R 2 Project Origin
50. F1
51. FarCry_2
52. Frontlines Fuel of War
53. Gears Of War
54. Ghost Recon 2
55. Half-Life 2
56. HAWX
57. Helligate London 64bit
58. Homefront
59. Ice Age 3
60. James.Bond.007.Blood.Stone
61. Jericho
62. Just.Cause.2
63. King's Bounty The Legend
64. Kung Fu Panda
65. Lara Croft and the Guardian of Light
66. Left4Dead
67. Left4Dead 2
68. Legendary
69. Lego Harry Potter
70. LEGO Indiana Jones
71. LostPlanet EXTREME CONDITION
72. LOTR - The Battle for Middle-Earth
73. Madagascar 2
74. Mafia 2
75. Mass Effect
76. Mass Effect 2
77. Medal Of Honor Limited Edition
78. Mercenaries2
79. Metro 2033
80. Mini Ninjas
81. Mirror's Edge
82. Monsters Vs Aliens
83. MotoGP08
84. Napoleon_Total_War
85. NBA 2K10

86.	NBA 2K9
87.	NecroVision
88.	NFS Hot Pursuit
89.	NFS Shift
90.	NFS Undercover
91.	Oblivion
92.	Operation Flashpoint Dragon Rising
93.	Portal
94.	Pro Evolution Soccer 2010
95.	Pro Evolution Soccer 2011
96.	PROTOTYPE
97.	PURE
98.	R.U.S.E
99.	Rail Simulator
100.	Resident Evil 5
101.	Serious Sam HD The Second Encounter
102.	Singularity
103.	Sins of a Solar Empire
104.	Sniper Ghost Warrior
105.	Split_Second
106.	Spore
107.	STALKER Clear Sky
108.	STALKER Shadow of Chernobyl
109.	Star Craft II
110.	Star Wars The Force Unleashed 2
111.	Stoked Big Air
112.	STREET FIGHTER IV
113.	Supreme Commander
114.	Supreme Commander 2
115.	The GodfatherII
116.	The Settelers 7
117.	Time Shift
118.	Tom Clancys Splinter Cell Conviction
119.	Tomb Raider - Underworld
120.	Torchlight
121.	Total War Shogun 2
122.	Trackmania Nations
123.	TrackMania United FOREVER
124.	Transformers 2
125.	Trine
126.	Tropico3
127.	Unreal Tournament 3
128.	Wall-E
129.	Wanted Weapons Of Fate

Lucidlogix Technologies LTD Proprietary & Confidential

130.	Wings of Prey
131.	Wolfenstein
132.	Wolfschanze II
133.	World In Conflict
134.	World of Warcraft
135.	X-Men Origins Wolverine
136.	Zeno Clash

d-Mode

CyberLink Media Espresso 6.5
ArcSoft Media converter 7

Tested Platforms

MOTHERBOARDS

- ASUS P8H67-M
- ASUS P8H67-M Pro
- ASUS P8Z68-V Pro
- ASUS C4E ,
- GIGABYTE H67-UD3H ,
- GIGABYTE H67-UD2H , GIGABYTE E-350N,
- GIGABYTE GA-A75-UD4H
- ASROCK Z68 EXTREME4 ,
- MSI AiO system
- MSI G15S NOTEBOOK
- SAPPHIRE Z68 PURE PLATINUM ,

CPU

- INTEL i5-2500k 3.30GHz
- INTEL i7-2600k 3.40GHz
- INTEL i5-24050S (on AIO)
- AMD Brazos
- AMD X6 1090T
- AMD A8 3850

RAM

- 4GB RAM DDR3
- 2GB RAM DDR3

GPU DRIVERS

- AMD CCC 11.07WHQL, AMD CCC 11.06WHQL,
- NVIDIA 275.33WHQL, NVIDIA 280.26WHQL ,
- Intel® Graphics 8.5.10.2361 , 8.5.10.2291

GPUS

- NVIDIA GTX465
- NVIDIA GTX460
- NVIDIA GT540M
- NVIDIA GTX580
- NVIDIA GTX560

- AMD HD6950
- AMD HD6870
- AMD HD5870
- AMD HD5770

- WINDOWS 7 Ultimate SP1 64BIT
- WINDOWS 7 Ultimate SP1 32BIT

Supported Hardware

- Intel Z68, H67, H61 chipset based systems
- Intel G41 chipset based system
    - Require BIOS Update to make integrated graphics visible (not disabled) to OS while dGPU installed
- AMD chipset based platforms such as Liano, Brazos, Bulldozer and also other platforms with AMD chipset graphics such as A890, etc.
- Notebooks with mobile GPU and Integrated graphics (LCD connected to Integrated graphics)

Supported Operating Systems

VIRTU Universal Release supports:

- Microsoft Windows® 7 OS 32-bit and 64-bit

Microsoft Windows® Editions include:

- Windows 7 Home Premium
- Windows 7 Professional
- Windows 7 Ultimate

VIRTU Universal supports the following languages in the main driver Control Panel:

- English (USA)

Supported graphic libraries

VIRTU Universal supports the following graphic libraries:

- DirectX 9
- DirectX 10/10.1
- DirectX 11

Supported graphics cards and display drivers

VIRTU Universal supports the following graphics cards and drivers:

- Graphics cards
    - Nvidia cards GF 4xx/5xx series
    - AMD HD5xxx/HD6xxx series
- Display drivers:
    - Intel: All WHQL drivers
    - Nvidia: All WHQL drivers
    - AMD: All WHQL drivers

Installation

Minimum Hard Disk Space

The hard disk space requirements are a minimum of 15 MB for English-only, and 20 MB for International.

Before You Begin

Please uninstall all Lucid software before installing VIRTU Universal version 2.0.108

Installation Instructions

1. Run VIRTU Universal installation file to launch the Installation Wizard.
2. Follow the instructions in the Installation Wizard to complete the installation.
3. Click Finish.
4. **Restart the computer**

Lucidlogix Technologies LTD Proprietary & Confidential